

I-2
condel
Sub 5-2
19. ~~(amended) An apparatus as recited in claim 18 wherein said sensory feedback signal conveys a particular vibration frequency by a coding of pulse sequences.~~

I-3
Sub 5-3
20. ~~(amended) An apparatus as recited in claim 17 wherein said movement generator generates said motion in said entire housing of said computer mouse device.~~

I-4
Sub 5-4
21. ~~(amended) An apparatus as recited in claim 17 further comprising a resilient material, said resilient material enabling said motion by storing and releasing energy.~~

I-5
Sub 5-5
22. ~~(amended) An apparatus as recited in claim 17 wherein said housing includes a casing portion and a lower portion, wherein said movement generator generates a motion in said casing portion with respect to said lower portion.~~

Sub 5-6
I-6
cont
23. ~~(amended) An apparatus as recited in claim 22 further comprising a resilient material, said resilient material being located within said housing between said casing portion and said lower portion.~~

24. ~~(amended) An apparatus as recited in claim 17 wherein said movement generator is an electromagnetic actuator.~~

25. ~~(amended) An apparatus as recited in claim 17 wherein said movement generator is activated in response to movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is a border of a window.~~

I-6
Cmdd
26. (amended) An apparatus as recited in claim 17 wherein said movement generator is activated in response to movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is an icon.

I-7 Sub 5-7
27. ~~(amended) An apparatus as recited in claim 17 wherein said movement of said housing includes a vibration of said housing and wherein different graphical details of a graphical display are coded with different vibration frequencies.~~

Sub 5-8
I-8
28. ~~(amended) An apparatus as recited in claim 17 wherein said movement generator generates motion of said housing by impacting said housing with a moving portion of said movement generator.~~

29. (amended) An apparatus as recited in claim 28 wherein said movement generator impacts said housing at a location underneath a palm of a user when said palm contacts said housing.

Sub 5-9
I-9
30. ~~(amended) An apparatus comprising:~~
a housing including a lower portion and an upper portion, said lower portion designed to move over a flat surface;
a tracking element provided within said housing for tracking motion of said housing with respect to said flat surface; and
a movement generator included within and coupled to said housing for generating motion of said housing with respect to said flat surface, that delivers a bump sensation through said housing, said movement generator delivering said bump sensation in response to a sensory feedback signal received over a signal channel.

I-10
31. An apparatus as recited in claim 30, wherein said movement generator is capable of generating bump sensations of varying magnitude corresponding to different graphical details on a graphical display.

I-11
32. (amended) An apparatus as recited in claim 30, wherein said movement generator is capable of generating vibrations on said housing of varying frequency corresponding to different graphical details on a graphical display.

I-12 Sub 5-10
33. (amended) An apparatus as recited in claim 30 wherein said motion of said housing includes a vibration of said housing and wherein said sensory feedback signal conveys a particular vibration frequency by a coding of pulse sequences.

Please amend claims 35 - 41 as follows:

I-13 Sub 5-11
35. (amended) An apparatus as recited in claim 30 further comprising a resilient material, said resilient material enabling said bump sensation by storing and releasing energy.

I-14 Sub 5-12
36. (amended) An apparatus as recited in claim 30 wherein said movement generator generates said motion in an upper portion of said housing with respect to a lower portion of said housing.

I-15 Sub 5-13
37. (amended) An apparatus as recited in claim 36 further comprising a resilient element, said resilient element being located within said housing between said upper portion and said lower portion.

I-16 Sub 5-14
38. (amended) An apparatus as recited in claim 30 wherein said movement generator includes electromagnets.

I-17 Sub 5-15
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39. (amended) An apparatus as recited in claim 30 wherein said movement generator is activated in response to movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is a border of a window.

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40. ~~(amended) An apparatus as recited in claim 30 wherein said movement generator is activated in response to movement corresponding with graphical details on a graphical display, wherein at last one of said graphical details is an icon.~~

Sub
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I-18
41. ~~(amended) An apparatus as recited in claim 30 wherein said motion of said housing includes a vibration of said housing and wherein different graphical details are coded with different vibration frequencies.~~

Please amend claims 43 - 44 as follows:

I-19
43. ~~(amended) A method for providing tactile feedback comprising:
receiving on a mouse device a sensory feedback signal; and
generating a movement of a casing portion of said mouse device with respect to a bottom portion of said mouse device in response to said received sensory feedback signal, said casing portion including a top surface of a housing of said mouse device, said movement delivering a tactile sensation to said housing.~~

I-20
Sub
5-17
44. ~~(amended) A method as recited in claim 43 wherein a movement generator generates vibrations of varying frequency corresponding to different graphical details on a graphical display.~~

Please amend claims 47 - 49 as follows:

Sub
5-18
I-21
47. ~~(amended) A method as recited in claim 43 wherein said movement generator is activated in response to movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is a border of a window.~~

48. ~~(amended) A method as recited in claim 43 wherein said movement generator is activated in response to movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is an icon.~~

Sub
J-19
I-22

49. ~~(amended)~~ A method as recited in claim 43 wherein ~~said motion of said~~ casing portion includes a vibration of said casing portion and wherein different graphical details are coded with different vibration frequencies.

Please amend claim 53 as follows:

Sub
J-20
I-23

53. ~~(amended)~~ A method as recited in claim 43 wherein a cursor can be positioned within the borders of one of a plurality of graphical details, wherein said cursor is caused to remain within said borders until said cursor is released by pressing ~~down said casing portion of said mouse device.~~